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stop codon (11001-10999) *ixn-1* G(11204)A Gly(998)Asp R10 (10667) C(11372)T Thr(942)IIe 9 (11310) ix1-2 ٧ F9 (11839) F10 (11514) R8 (11785) fragment C (1) G GACTC GCGCGC CTGCAG GTCGAC ACTAGT GGATCC AAA GAATTC G CGGCCG C GTCGAC TACGGCTGCGAGAAGACGACAGAAGG GGATCC (91) R7 (12212) F8 (12415) sequence of the first 91 nucleotides of the Ath-B mRNA R6 (12709) (restriction enzyme sites are shown in italics) F7 (12893) (SEQ ID NO.3) Figure 2: Structure of IXR1 Gene on BAC Clone K2A11 R5 (13272) F6 (13356) fragment B R3 (14113) R4 (13738) F5 (13861) F4 (14294) R2 (14688) F3 (14726) fragment A R1 (15269) F2 (15269) homologous in Ath-A and Ath-B mRNA but not present in K2A11 start codon (15688-15686) UTR homologous to Ath-B mRNA MCS in Ath-A and Ath-B mRNA (uoxe) ecuence Bujpoo F1 (15721) MCS in Ath-B mRNA 1" common rucleo- F1 dde in Ath-B mRNA and K2A11@ 15966 not analyzed intron PPASN no OOS OF AN

begin of polyA-tail in AthB @ 10800